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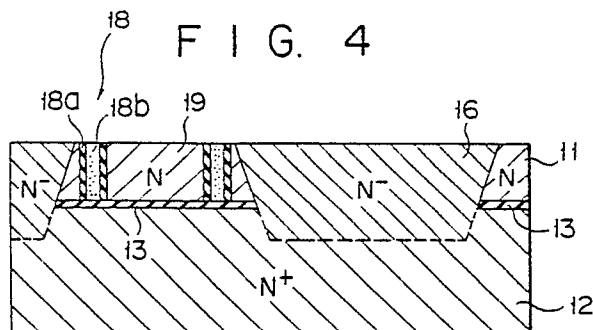
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(54) Substrate structure for a composite semiconductor device.

(57) A substrate structure for a composite semiconductor device comprises first and second semiconductor substrates (11, 12) whose major surfaces are bonded to each other with an insulating layer (13) interposed therebetween. In this substrate structure, an epitaxial layer (16) is grown from part of the second semiconductor substrate (12), forming one element area, and another element area (19) is formed in the first semiconductor substrate (11) area and isolated from the epitaxial layer (16).



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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
Y	US-A-4 501 060 (R.C. FRYE et al.) * Column 4, lines 20-49; column 5, lines 21-48; figures 2,3,4 *	1	H 01 L 21/18 H 01 L 21/20 H 01 L 21/76 H 01 L 23/14
Y	EP-A-0 155 698 (NEC CORP.) * Claims 1,4; figures 2A,2F; claim 6 *	1	
A	---	3	
A	EP-A-0 141 506 (AMERICAN TELEPHONE AND TELEGRAPH CO.) ---		
A	US-A-4 507 158 (T.I. KAMINS et al.) -----		
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			H 01 L
Place of search		Date of completion of the search	Examiner
THE HAGUE		10-02-1988	ZOLLFRANK G.O.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	